

N14

**Fourth Conference on
THEORETICAL and APPLIED MECHANICS**

Date : 5-7 November, 1991.

Location : Cairo, Egypt.

Other information : CAM-Newsletter 6, nr. 3.

Contact address :

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Unions Department
101 Kasr-al-Aini Street, Cairo - Egypt.

**International Congress on
EXTRAPOLATION and
RATIONAL APPROXIMATION**

Date : 13-17 January, 1992.

Location : Tenerife, Canary Islands, Spain.

Organizing committee :

N. Hayek (Univ. of La Laguna, Spain), C. Brezinski (Univ. of Lille, France), P. González-Vera (Univ. of La Laguna, Spain), F. Pérez-Acosta (Univ. of La Laguna, Spain), C. González-Concepción (Univ. of La Laguna, Spain), M. Camacho (Univ. of La Laguna, Spain), J.D. Betancor (Univ. of La Laguna, Spain), M. Jiménez (Univ. of La Laguna, Spain).

Invited lectures :

D.J. Bessis (Service de Physique Theorique de Saclay, France),
G.H. Golub (Stanford University, California, USA),
M.H. Gutknecht (Swiss Federal Institute of Technology, Zurich, Switzerland),
P. Rabinowitz (Weizmann Institute of Science, Israel),
R.S. Varga (Kent State University, USA).

Other information :

- The Congress aims to give an actual perspective of the Status-of-the-Art and of the research trends in Extrapolation and Rational Approximation.
- The Congress will be structured with invited lectures concerning fundamental aspects of this subject along with contributed lectures (25-30 minutes). Persons interested in such this event are kindly invited to participate.

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38271 La Laguna, Spain.

**3. INSTITUTIONAL REPORTS AND DOCTORAL
THESES**

Department of Computer Science
K.U.Leuven
Celestijnenlaan 200A
B-3030 Heverlee (Leuven), Belgium

Reports:

- TW-137 : P. Verlinden and R. Cools: Minimal cubature formulae for integrals with circular symmetry.
- TW-138 : J. Verschelde, M. Beekers and A. Haegemans: A new start system for solving deficient polynomial systems using continuation methods.
- TW-139 : S. Vandewalle and R. Piessens: Efficient parallel algorithms for solving initial-boundary value and time-periodic parabolic partial differential equations.
- TW-140 : D. Roose and S. Vandewalle: Efficient parallel computation of periodic solutions of parabolic partial differential equations.
- TW-141 : J. Verschelde and R. Cools: Nonlinear reduction for solving deficient polynomial systems by continuation methods.
- TW-142 : S. Vandewalle and R. Piessens: Numerical experiments with multigrid waveform relaxation on a parallel processor.
- TW-143 : L. Beemaert, D. Roose, R. Struys and H. Deconinck: A multigrid solver for the Euler equations on transputers under Express.
- TW-144 : J. Verbeke and A. Haegemans: De reële en complexe GAOR-methode (in Dutch).